

PI 515955 to 515958-continued

PI 515956 donor id: MN NN-3226. origin: United States. pedigree: Selection from germplasm pool MN NC. other id: GP-204. source: Crop Sci. 28(4):0721. group: CSR-ALFALFA. remarks: Ineffective nodulation, non-nitrogen fixing type for use as a control and research on nodule development. Ineffective nodule trait conditioned by the gene in2. Breeding Material. Seed.

PI 515957 donor id: MN IN-3811. origin: United States. pedigree: Selection from germplasm pool MN NC. other id: GP-205. source: Crop Sci. 28(4):0721. group: CSR-ALFALFA. remarks: Ineffective nodulation, non-nitrogen fixing type for use as a control and research on nodule development. Ineffective nodule trait conditioned by the gene in3. Breeding Material. Seed.

PI 515958 donor id: MN IN-Sar. origin: United States. pedigree: Single plant selection from Saranac. other id: GP-206. source: Crop Sci. 28(4):0721. group: CSR-ALFALFA. remarks: Ineffective nodulation, non-nitrogen fixing type for use as a control and research on nodule development. Ineffective nodule trait conditioned by the gene in1. Breeding Material. Seed.

PI 515959. *Amaranthus cruentus* L. AMARANTHACEAE Purple amaranth

Donated by: Schaeffer, J.R., Dept. of Plant and Soil Science, Montana State University, Bozeman, Montana, United States. Received March 28, 1988.

donor id: MT-3. origin: United States. pedigree: Selection from RRC-1041. other id: GP-1. group: CSR-MISC CROP. remarks: Mexican grain type. Height uniform. Main central panicle with thick erect to drooping, finger-like branches. Main stalk thin, especially at high density plantings and varying degrees of side branching at low densities. Flowers light green. Seeds white with some black-seeded segregates. Grain yield 5341 kg/ha in 1987 at Huntley, Montana. Breeding Material. Seed.

PI 515960. *Glycine max* (L.) Merr. FABACEAE Soybean

Donated by: Hartwig, E.E., USDA-ARS, Delta States Research Center, P.O. Box 196, Stoneville, Mississippi, United States. remarks: Joint contribution from USDA-ARS and Delta Branch, Miss. Agric. & Forestry Exp. Station. Received February 10, 1988.